

STATEMENT UNDER 37 CFR 3.73(b)**Applicant/Patent Owner: Glaxo Group Limited****International Application No./Patent No.: PCT/GB2004/005190 Filed/Issue Date: 09 December 2004****Entitled: OBJECT DETECTION SYSTEM, METHOD AND TOOL****Glaxo Group Limited, a corporation, states that it is:**

1. ☒ the assignee of the entire right, title, and interest; or
2. ☐ an assignee of less than the entire right, title and interest.
The extent (by percentage) of its ownership interest is _____ % in the patent application/patent identified above
By virtue of either;

A. ☒ An assignment from the inventor(s) of the patent application/patent identified above. The assignment was recorded in the United States Patent and Trademark Office at Reel _____, Frame _____, or for which copy thereof is attached.

OR

B. ☐ A chain of title from the inventor(s), of the patent application/patent identified above, to the current assignee as shown below:

1. From: _____ To: _____
The document was recorded in the United States Patent and Trademark Office at Reel _____, Frame _____, or for which a copy thereof is attached.

2. From: _____ To: _____
The document was recorded in the United States Patent and Trademark Office at Reel _____, Frame _____, or for which a copy thereof is attached.

3. From: _____ To: _____
The document was recorded in the United States Patent and Trademark Office at Reel _____, Frame _____, or for which a copy thereof is attached.

☐ Additional documents in the chain of title are listed on a supplemental sheet.

☒ Copies of assignments or other documents in the chain of title are attached.

[NOTE: A separate copy (i.e., a true copy of the original assignment document(s)) must be submitted to Assignment Division in accordance with 37 CFR Part 3, if the assignment is to be recorded in the records of the USPTO. See MPEP 302.08]

The undersigned (whose title is supplied below) is authorized to act on behalf of the assignee.

Signature

16 JUN 2005

Date

Peter John GIDDINGS

Printed or Typed Name

+44 20 8047 4414

Telephone Number

Attorney and Authorised Official

Title

This collection of information is required by 37 CFR 1.31 and 1.33. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is essential to take 3 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commission for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

ASSIGNMENT

WHEREAS I, **Kenneth William YOUNG**, of Warwick Manufacturing Group, International Manufacturing Centre, The University of Warwick, Coventry CV4 7AL, United Kingdom (hereinafter called "the inventor") have invented or discovered subject matter concerning an "**Object Detection System, Method and Tool**" (hereinafter called "the invention") for which UK patent application No. **03 288 97.4** was filed on **12 December 2003** and for which International patent application No. PCT/GB2004/005190 was filed on 9 December 2004 claiming priority from the aforesaid UK patent application and designating *inter alia* the United States of America (hereinafter called "the applications");

WHEREAS the whole right, title and interest of the inventor in and to the invention and the applications belongs to **THE UNIVERSITY OF WARWICK** by virtue of a contract of employment of the inventor with **THE UNIVERSITY OF WARWICK**;

WHEREAS **THE UNIVERSITY OF WARWICK** acknowledges its agreement to the filing of the applications;

WHEREAS WE, **GLAXO GROUP LIMITED**, a company incorporated in England and Wales whose registered address is Glaxo Wellcome House, Berkeley Avenue, Greenford, Middlesex UB6 0NN, England, are desirous of acquiring from **THE UNIVERSITY OF WARWICK** the whole right, title and interest in and to the invention and the applications, including in respect of the United States of America; and

NOW THEREFORE, to all whom it may concern be it known that I the inventor hereby confirm the ownership by **THE UNIVERSITY OF WARWICK** of my whole right, title and interest in and to the invention and the applications and if, under the law of the United States of America I the inventor have any ownership right, title and interest in and to the invention and the applications (which I do not believe to be the case and claim no ownership right, title or interest in and to the invention and the applications), I the inventor nevertheless hereby assign and transfer such ownership right, title and interest in and to the invention and the applications to **THE UNIVERSITY OF WARWICK**.

THE UNIVERSITY OF WARWICK hereby assigns and transfers to GLAXO GROUP LIMITED its whole right, title and interest in and to the invention and the applications, including without limitation in and throughout the United States of America, and in and to any priority rights in respect of the invention and the applications, and in and to any divisional application, continuation or continuation-in-part application, and in and to any extension or re-issue, and in and to any patent in the world arising from the applications and their derivatives including in the United States of America.

THE UNIVERSITY OF WARWICK and I the inventor for ourselves and our executors and legal representatives hereby acknowledge that these assignments are made following receipt of good consideration the sufficiency of which is confirmed, and agree to provide information and make execute and deliver any and all other instruments in writing, and any and all further acts, applications, papers, affidavits, assignments and other documents which may be possible and are necessary or desirable to more effectually secure to and vest in GLAXO GROUP LIMITED its successors and assigns, the whole right, title and interest in and to the invention, the applications and other rights hereby assigned and transferred in respect of *inter alia* the United States of America.

IN WITNESS whereof and with effect from 12 December 2003 the inventor, and THE UNIVERSITY OF WARWICK and GLAXO GROUP LIMITED by virtue of Powers of Attorney granted to its duly authorised officers, have hereunto set their respective hands.

(1) SIGNED by Kenneth William YOUNG:

_____  Date: _____ 

(2) SIGNED by THE UNIVERSITY OF WARWICK:

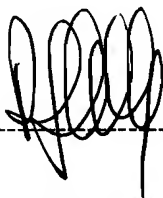
_____  Date: _____ 

Authorised Official

Name DR EDERYN WILLIAMS

Capacity DIRECTOR OF WARWICK VENTURES

(3) SIGNED by GLAXO GROUP LIMITED:



20 JUL 2005

Date: -----

Authorised Official

Name : Peter John GIDDINGS

Capacity : Attorney and Authorised Official

ASSIGNMENT

WHEREAS I, **Rodrigo ZAPIAIN BAZDRESCH**, of Warwick Manufacturing Group, International Manufacturing Centre, The University of Warwick, Coventry CV4 7AL, United Kingdom (hereinafter called "the inventor") have invented or discovered subject matter concerning an "**Object Detection System, Method and Tool**" (hereinafter called "the invention") for which UK patent application No. **03 288 97.4** was filed on **12 December 2003** and for which International patent application No. PCT/GB2004/005190 was filed on 9 December 2004 claiming priority from the aforesaid UK patent application and designating *inter alia* the United States of America (hereinafter called "the applications");

WHEREAS I acknowledge my agreement to the filing of the applications; and

WHEREAS WE, **GLAXO GROUP LIMITED**, a company incorporated in England and Wales whose registered address is Glaxo Wellcome House, Berkeley Avenue, Greenford, Middlesex UB6 0NN, England, are desirous of acquiring from **THE INVENTOR** the whole right, title and interest in and to the invention and the applications, including in respect of the United States of America.

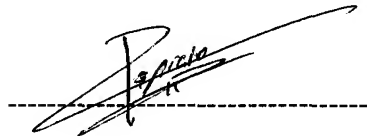
I, **THE INVENTOR**, hereby assign and transfer to **GLAXO GROUP LIMITED** my whole right, title and interest in and to the invention and the applications, including without limitation in and throughout the United States of America, and in and to any priority rights in respect of the invention and the applications, and in and to any divisional application, continuation or continuation-in-part application, and in and to any extension or re-issue, and in and to any patent in the world arising from the applications and their derivatives including in the United States of America.

I, **THE INVENTOR**, for myself and my executors and legal representatives hereby acknowledge that this assignment is made following receipt of good consideration the sufficiency of which is confirmed, and agree to provide information and make execute and deliver any and all other instruments in writing, and any and all further acts, applications, papers, affidavits, assignments and other documents which may be possible and are necessary or desirable to more effectually secure to and vest in **GLAXO GROUP LIMITED** its successors and assigns, the whole right, title and

interest in and to the invention, the applications and other rights hereby assigned and transferred in respect of *inter alia* the United States of America.

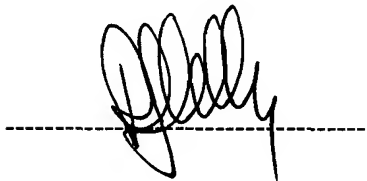
IN WITNESS whereof and with effect from **12 December 2003** I, **THE INVENTOR**, and **GLAXO GROUP LIMITED** by virtue of a Power of Attorney granted to its duly authorised officers, have hereunto set their respective hands.

(1) SIGNED by Rodrigo ZAPIAIN BAZDRESCH:



Date: 16/06/05

(2) SIGNED by GLAXO GROUP LIMITED:



04 JUL 2005
Date: _____

Authorised Official

Name : Peter John GIDDINGS

Capacity : Attorney and Authorised Official

ASSIGNMENT

WHEREAS I/WE, **Alan Leslie STANLEY** of Harlow, Essex, United Kingdom (hereinafter called "the inventor(s)") have invented or discovered "**OBJECT DETECTION SYSTEM, METHOD AND TOOL**" (hereinafter called "the invention") for which patent application Numbers **0328897.4** was filed on **12 December 2003** in the United Kingdom and for which an international patent application is now being filed designating the United States of America. I/we hereby authorize and request that the filing date and PCT International application, when known, be inserted here in parentheses;

PCT/GB2004/005190 filed 09 December 2004

WHEREAS the invention, being made in the course of my employment, belongs to my/our employer, namely **GLAXOSMITHKLINE SERVICES UNLIMITED** a company incorporated in England and Wales whose registered address is 980 Great West Road, Brentford, Middlesex TW8 9GS, England, and

WHEREAS GLAXOSMITHKLINE RESEARCH AND DEVELOPMENT LIMITED, a company incorporated in England and Wales whose registered address is 980 Great West Road, Brentford, Middlesex TW8 9GS, England, is desirous of acquiring from **GLAXOSMITHKLINE SERVICES UNLIMITED** the whole right, title and interest in and to the invention and the application, and

GLAXOSMITHKLINE SERVICES UNLIMITED and **GLAXOSMITHKLINE RESEARCH AND DEVELOPMENT LIMITED** have authorised and requested my/our making the application, and

WHEREAS GLAXO GROUP LIMITED a company organised and existing under and by virtue of the laws of England and Wales and having its principal place of business at Glaxo Wellcome House, Berkeley Avenue, Greenford, Middlesex, UB6 0NN, England, is desirous of acquiring from **GLAXOSMITHKLINE RESEARCH AND DEVELOPMENT LIMITED** the whole right, title and interest in


and to the invention and the application in respect of the United States of America;

NOW, THEREFORE, to all whom it may concern be it known that I/we, the inventor(s), hereby confirm the ownership by **GLAXOSMITHKLINE SERVICES UNLIMITED** of the invention and the application by operation of law and, if under the law of the United States of America I/we the inventor(s) have any ownership right, title and interest in the invention and the application (which I/we do not believe to be the case and claim no ownership right, title or interest in the invention and the application based on the law of the United Kingdom), I/we the inventor(s) nevertheless hereby assign and transfer such ownership right, title and interest in and to the invention and the application to **GLAXOSMITHKLINE SERVICES UNLIMITED**. **GLAXOSMITHKLINE SERVICES UNLIMITED** in turn hereby assigns and transfers to **GLAXOSMITHKLINE RESEARCH AND DEVELOPMENT LIMITED** its whole right, title and interest in and to the invention and the application. **GLAXOSMITHKLINE RESEARCH AND DEVELOPMENT LIMITED** in turn hereby assigns and transfers to **GLAXO GROUP LIMITED** its whole right, title and interest in and throughout the United States of America in and to the invention and the application and in and to any priority rights in respect of the invention and the application and in and to any divisional application, continuation or continuation in part application thereof, and in and to any extension or re-issue thereof, and I/we the inventor(s) and **GLAXOSMITHKLINE SERVICES UNLIMITED** and **GLAXOSMITHKLINE RESEARCH AND DEVELOPMENT LIMITED** hereby authorise and request any patent arising therefrom in the United States of America be issued to **GLAXO GROUP LIMITED**.

AND GLAXOSMITHKLINE SERVICES UNLIMITED and **GLAXOSMITHKLINE RESEARCH AND DEVELOPMENT LIMITED** hereby, and I/we the inventor(s) for myself/ourselves and my/our respective executors and legal representatives hereby, agree to provide information and make execute and deliver any and all other instruments in writing, and any and all further acts, applications, papers, affidavits, assignments and other documents which may be possible and are

necessary or desirable to more effectually secure to and vest in **GLAXO GROUP LIMITED**, its successors and assigns, the whole right, title and interest in and to the invention and the application hereby assigned and transferred in respect of the United States of America.

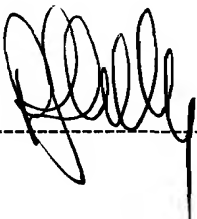
IN WITNESS whereof and with effect from **12 December 2003** the inventor(s) and **Peter John GIDDINGS** as Attorney of both **GLAXOSMITHKLINE SERVICES UNLIMITED** and **GLAXOSMITHKLINE RESEARCH AND DEVELOPMENT LIMITED** by virtue of Powers of Attorney granted by **GLAXOSMITHKLINE SERVICES UNLIMITED** and **GLAXOSMITHKLINE RESEARCH AND DEVELOPMENT LIMITED** respectively have hereunto set their respective hands.



SIGNED by Alan Leslie STANLEY

Date:20-06-05.....

SIGNED by Peter John GIDDINGS as the Attorney of each of **GLAXOSMITHKLINE SERVICES UNLIMITED** and **GLAXOSMITHKLINE RESEARCH AND DEVELOPMENT LIMITED**:



04 JUL 2005
Date:

ASSIGNMENT

WHEREAS I, **John Joseph HOLDEN**, of **AITKEN SCIENTIFIC LIMITED**, Oxford House, Oxford Road, Thame, Oxfordshire, OX9 2AH, United Kingdom (hereinafter called "the inventor") have invented or discovered subject matter concerning an "**Object Detection System, Method and Tool**" (hereinafter called "the invention") for which UK patent application No. **03 288 97.4** was filed on **12 December 2003** and for which International patent application No. PCT/GB2004/005190 was filed on 9 December 2004 claiming priority from the aforesaid UK patent application and designating *inter alia* the United States of America (hereinafter called "the applications");

WHEREAS the whole right, title and interest of the inventor in and to the invention and the applications belongs to **AITKEN SCIENTIFIC LIMITED** by virtue of a contract of employment of the inventor with **AITKEN SCIENTIFIC LIMITED**;

WHEREAS **AITKEN SCIENTIFIC LIMITED** acknowledges its agreement to the filing of the applications;

WHEREAS WE, **GLAXO GROUP LIMITED**, a company incorporated in England and Wales whose registered address is Glaxo Wellcome House, Berkeley Avenue, Greenford, Middlesex UB6 0NN, England, are desirous of acquiring from **AITKEN SCIENTIFIC LIMITED** the whole right, title and interest in and to the invention and the applications, including in respect of the United States of America; and

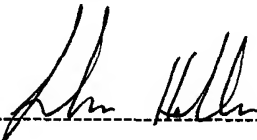
NOW THEREFORE, to all whom it may concern be it known that I the inventor hereby confirm the ownership by **AITKEN SCIENTIFIC LIMITED** of my whole right, title and interest in and to the invention and the applications and if, under the law of the United States of America I the inventor have any ownership right, title and interest in and to the invention and the applications (which I do not believe to be the case and claim no ownership right, title or interest in and to the invention and the applications), I the inventor nevertheless hereby assign and transfer such ownership right, title and interest in and to the invention and the applications to **AITKEN SCIENTIFIC LIMITED**.

AITKEN SCIENTIFIC LIMITED hereby assigns and transfers to GLAXO GROUP LIMITED its whole right, title and interest in and to the invention and the applications, including without limitation in and throughout the United States of America, and in and to any priority rights in respect of the invention and the applications, and in and to any divisional application, continuation or continuation-in-part application, and in and to any extension or re-issue, and in and to any patent in the world arising from the applications and their derivatives including in the United States of America.

AITKEN SCIENTIFIC LIMITED and I the inventor for ourselves and our executors and legal representatives hereby acknowledge that these assignments are made following receipt of good consideration the sufficiency of which is confirmed, and agree to provide information and make execute and deliver any and all other instruments in writing, and any and all further acts, applications, papers, affidavits, assignments and other documents which may be possible and are necessary or desirable to more effectually secure to and vest in GLAXO GROUP LIMITED its successors and assigns, the whole right, title and interest in and to the invention, the applications and other rights hereby assigned and transferred in respect of *inter alia* the United States of America.

IN WITNESS whereof and with effect from 12 December 2003 the inventor, and AITKEN SCIENTIFIC LIMITED and GLAXO GROUP LIMITED by virtue of Powers of Attorney granted to its duly authorised officers, have hereunto set their respective hands.

(1) SIGNED by John Joseph HOLDEN:



Date: 16 JUNE 2005

(2) SIGNED by AITKEN SCIENTIFIC LIMITED:

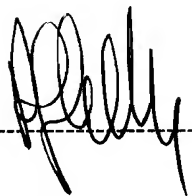


Date: 16 JUNE 2005

Authorised Official

Name JAMES A.G. AITKEN
Capacity MANAGING DIRECTOR

(3) SIGNED by GLAXO GROUP LIMITED:



04 JUL 2005
Date: -----

Authorised Official

Name : Peter John GIDDINGS

Capacity : Attorney and Authorised Official

NO key

88860

John Venn & Sons

Scrivener Notaries
Translators

William B Kennair LL.B. • Jessica M Reeve M.A. • Jonathan P Coultis M.A., M.L.
Associate: Agnes Corless
Consultant: Bridget M Ellison B.A.

95 Aldwych London WC2B 4JF
United Kingdom

Telephone: 020 7395 4300
Fax: 020 7395 4310
e-mail: notary@johnvenn.co.uk
http://www.johnvenn.co.uk

I, JESSICA MARGARET REEVE, a duly admitted Notary Public, having jurisdiction throughout England and Wales and practising in London, England, hereby certify:

1. THAT the annexed Power of Attorney was sealed with the Common Seal of **GLAXO GROUP LIMITED**;

2. THAT the affixing of the said Seal was witnessed by LORRAINE ANNE DAY, one of the Directors of EDINBURGH PHARMACEUTICAL INDUSTRIES LIMITED, Corporate Director of GLAXO GROUP LIMITED and RICHARD JAMES STEPHENS, Assistant Secretary of the said GLAXO GROUP LIMITED;

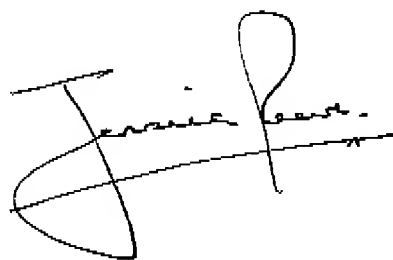
3. THAT the said GLAXO GROUP LIMITED is duly incorporated and existing under English Law, having its Registered Office at Glaxo Wellcome House, Berkeley Avenue, Greenford, Middlesex, UB6 0NN, England;

4. THAT the said Seal was affixed in the manner prescribed by the current, duly adopted Articles of Association of the said Company;

5. THAT the said signatures were subscribed by authority of the Directors of the said Company;

6. AND THAT the said Power of Attorney, being so sealed and signed, is duly executed by and binding on the said Company.

IN WITNESS whereof I have issued this Certificate under my signature and Seal of Office at London, aforesaid, the fourth day of March Two thousand and five.



Power of Attorney

BY THIS POWER OF ATTORNEY given this ~~20th~~ day of ~~FEBRUARY~~ two thousand and five **GLAXO GROUP LIMITED**, a company incorporated in England and Wales (Registration No. 305979) and having its registered office at Glaxo Wellcome House, Berkeley Avenue, Greenford, Middlesex, UB6 0NN, England (hereinafter called "the Company"), **HEREBY** appoints all and any of its Directors, Secretary and Assistant Secretary for the time being, and **DAVID ROBERTS, PETER JOHN GIDDINGS, ARTHUR WILLIAM RUSSELL TYRRELL, MARCUS J. W. DALTON, PETER I. DOLTON, WENDY ANNE FILLER, MICHAEL JOHN STOTT, HUGH BAINFORDE DAWSON, HELEN QUILLIN, CHARLES KINZIG, STEPHEN VENETIANER, THEODORE R. FURMAN, MARY E. MCCARTHY, EDWARD R. GIMMI, CHARLES E. DADSWELL, ROBERT H. BRINK and FRANK P. GRASSLER** jointly and severally to be its true and lawful agents and attorneys (hereinafter called "the Attorneys") on behalf and in the name of the Company or otherwise to do, perform, exercise or execute or concur with any other person or persons in doing, performing or exercising in or for any country or countries or jurisdiction in any part of the world all or any of the following powers, acts, deeds and things in connection with: letters patent, including extensions thereto; utility models; copyrights; trademark registrations; trademarks; trade names; trade dress; logos; design rights; designs and all rights analogous thereto and all applications therefor and any other forms whatsoever of intellectual property rights; including know-how, all of which are hereinafter called "Intellectual Property Rights", that is to say:

1. In any country or countries or jurisdiction in any part of the world to make application or cause application to be made for the grant or issue or transfer to the Company or registration in its name of Intellectual Property Rights and to take all steps necessary for the same to be prosecuted, maintained, withdrawn, renewed, enforced, defended or extended.
2. As the act and deed of the Company to sign, seal, deliver and execute all or any assignments or assurances, licences to the Company of or under any Intellectual Property Rights or the right to and interest in any inventions to be the subject of Intellectual Property Rights for the purpose of fully and effectually vesting and transferring the same in and to the Company.
3. As the act and deed of the Company to sign and execute all or any assignments and acceptances of the transfer or assignment of such rights, and also any licences, sub-licences and consents from the Company of or under any Intellectual Property Rights or the right to and interest in any invention to be the subject of Intellectual Property Rights, for the purpose of fully and effectually vesting transferring or granting the same in and to any entity, whether in the United Kingdom or elsewhere, in so far as such documents can be executed without the Company's seal being affixed thereto. For purposes of this Power of Attorney, the terms "entity" means, and includes, any person, firm or company or group of persons or unincorporated body.
4. To give undertakings or assurances to third parties and to any Trademark Registry or official intellectual property agency or governmental department or otherwise responsible for the registration or protection of trademarks, trade names, trade dress, logos, design rights or designs for the purpose of best protecting or ensuring the co-existence of the Company's rights to trademarks, trade names, trade dress, logos, design rights or designs.
5. To commence, prosecute and defend any proceedings or applications whether judicial or extra judicial relating to Intellectual Property Rights and to maintain, withdraw or settle the same.
6. For and in connection with any Intellectual Property Rights to sign, seal, deliver and execute any Power of Attorney or other deed or document authorising any agent,

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including trademark and patent agents and attorneys, to act on behalf of the Company.

7. To apply for the registration, amendment or cancellation of user rights in respect of any trademark or trade name.
8. To act in regard to all official communications which may now or hereafter be addressed to the Attorneys relating to Intellectual Property Rights or the renewal thereof in such manner that the Attorneys may be recognised as the authorised agent(s) of the Company in all proceedings in relation thereto.
9. For all or any of the purposes contained herein as the act and deed of the Company to sign, seal, deliver, execute and do all such documents, deeds, agreements, instruments and to do such acts as shall be requisite or may be deemed proper for or in relation to the said purposes.

AND THE COMPANY HEREBY RATIFIES and confirms and agrees to ratify and confirm all and whatsoever the Attorneys or any person, persons, firm or company appointed by them shall lawfully do or have done by virtue of the authorities herein contained

AND THE COMPANY HEREBY DECLARES that all instruments executed under and by virtue of this Power shall be as valid and effectual as if sealed by the Common Seal of the Company.


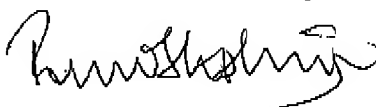
IN WITNESS whereof **GLAXO GROUP LIMITED** has caused its Common Seal to be hereunto affixed the day and year first before written

The **COMMON SEAL** of)
GLAXO GROUP LIMITED)
was hereto affixed in the presence of:)

Director

For and on Behalf of
Edinburgh
Pharmaceutical
Industries
Limited

DIRECTOR



~~Secretary~~ / Assistant Secretary

